



6640/64961

REMARKS


Claims 1-19 remain in the application and have been amended hereby.

As will be noted from the Declaration, Applicants are citizens and residents of Japan and this application originated there.

Accordingly, the amendments made to the specification are provided to place the application in idiomatic English, and the claims are amended to place them in better condition for examination.

An early and favorable examination on the merits is earnestly solicited.

Respectfully submitted,  
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VERSION WITH MARKINGS TO SHOW CHANGES MADE  
IN THE ABSTRACT OF THE DISCLOSURE

Please amend the Abstract by rewriting same to read as follows.

[The present invention is capable of] An apparatus and system for dubbing [again even] in which when a data transfer error occurs[, because] the dubbing is tried again by sending a command to reproduce to [the] a optical disc reproducing apparatus [1] from [the] a magneto-optical disc [recording/plying] recording/playing system [3] after completing [the] a reproducing retry preparation and a recording retry preparation.

IN THE CLAIMS

Please amend claims 1-19 by rewriting same to read as follows.

--1. (Amended) [In a] A recording apparatus that records [plurality of] main data divided into [each unit] a plurality of units of data[, ] reproduced by a reproducing apparatus[, ] and sent through a network,

[a] recording apparatus comprising:

recording means for recording a main data sent from said reproducing apparatus into a recording medium;

communication means for communicating with said reproducing apparatus through said network;

detection means for detecting a communication error of said main data received by said communication means;

notification means [that notifies] for notifying said reproducing apparatus of an occurrence of [a] said communication error [to said reproducing apparatus] based on a detection result of communication error provided by said detection means; and

control means for controlling said recording [means so that] apparatus to permit the recording [is performed] again from [the] a start position where recording of the main data started when [a] said communication error is

detected by said detection means[,] and for controlling said communication means [in order] to send reproducing start data to said reproducing [means] apparatus through said network [so that the] to start reproducing [is started] from the start position of the main data in which said communication error was detected.

--2. (Amended) The recording apparatus according to claim 1, wherein said control means further controls said recording [means so that said recording means starts] apparatus to start recording said main data after receiving, from said reproducing apparatus, said main data reproducing was started from the starting position of the main data in which said communication error was detected.

--3. (Amended) The recording apparatus according to claim 1, further comprising

status detecting means [that detects] for detecting an operating status of said reproducing apparatus, wherein

said control means controls said communication means so that said reproducing start data is transmitted after detecting that the operating status of said reproducing apparatus is in a predetermined status by said status detection means after detecting said communication error.

--4. (Amended) [In a] A reproducing apparatus that transmits main data reproduced from recording media [by each unit of said main data] to [the] a recording apparatus connected through a network,

[a] reproducing apparatus comprising:

reproducing means for reproducing predetermined main data from said recording media;

communication means for communicating with said recording apparatus through a network;

detection means for detecting error signals detected in said recording apparatus and received by said communicating means; and

control means for controlling said reproducing means [so that, when said detection means detects error signals,] to start reproducing [starts] from a reproducing start position of the main data [in which an error detected by said recording apparatus] when said detection means detects the error signals.

--5. (Amended) The reproducing apparatus according to claim 4, wherein said control means [suspends] controls the reproducing means to suspend reproducing [of] the main data [from said reproducing means] until an instruction to restart reproducing is received from said recording apparatus through said network.

--6. (Amended) The reproducing apparatus according to claim 4, wherein

said control means controls said communication means [so that] to send an operating status of said reproducing apparatus [is sent] to said recording apparatus through said network when a request for transmission of the operating status of said reproducing apparatus is received from said recording apparatus.

--7. (Amended) [In a] A recording/reproducing system that performs data dubbing [data] by employing a reproducing unit that reproduces data, a recording unit that records the reproduced data, and an interface unit that transfers data in a predetermined format between said reproducing unit and said recording unit,

[a] recording/reproducing system comprising:

transfer error detection means for detecting a transfer error of data in said interface unit;

transfer error notification means for notifying said reproducing unit of said transfer error [from said recording unit to said reproducing unit];

reproducing retry preparation means for causing said reproducing unit to stop based on said transfer error [information] after returning to [the] a start of a track of the data on which said transfer error occurred;

recording retry preparation means for causing said recording unit to stop based on said transfer error [information] after returning to the start of said track of the data on which said transfer error occurred; and

retry means for sending a command to reproduce from said recording unit to said reproducing unit after [completing said reproducing retry preparation in said reproducing unit and said recording retry preparation in said recording unit] causing said reproducing unit and recording unit to stop based on said transfer error after returning to the start of said track, wherein

said [retry of] data dubbing is [performed] retried.

--8. (Amended) The recording/reproducing system according to claim 7, wherein

conditions at [the] a time of retry performed by said retry means are from said reproducing unit to said recording unit before [completing said reproducing retry preparation in said reproducing unit and said recording retry preparation in said recording unit] causing said reproducing unit and recording unit to stop based on said transfer error after returning to the start of said track.

--9. (Amended) The recording/reproducing system according to claim 7, wherein

said transfer error is due to [detection of] a discontinuity of transferred data.

--10. (Amended) The recording/reproducing system according to claim 7, wherein

said transfer error is due to not receiving audio signals in said predetermined format.

--11. (Amended) The recording/reproducing system according to claim 7, wherein

said transfer error is due to a reception of empty packets continued for a predetermined number of times when receiving audio signals in said predetermined format.

--12. (Amended) [In a] A recording/reproducing system that performs dubbing by employing a reproducing unit that reproduces data, a recording unit that records the reproduced data, and an interface unit that transfers data in a predetermined format between said reproducing unit and said recording unit, [a] said recording/reproducing system comprising:

transfer error detection means for detecting a transfer error of data in said interface unit; and

suspension means for stopping said dubbing when said transfer error is detected during said dubbing.

--13. (Amended) The recording/reproducing system according to claim 12, wherein

said transfer error is due to an insufficiency of an isochronous resource.

--14. (Amended) The recording/reproducing system according to claim 12, wherein

said transfer error is due to an occurrence of a bus reset.

--15. (Amended) The recording/reproducing system according to claim 12, wherein

said transfer error is due to [the fact that the copy right] copyright information of said transferred data [is of a data that prohibits] prohibiting said dubbing.

--16. (Amended) [In a] A recording method for recording [plurality of] main data reproduced by a reproducing apparatus after [divided into each unit] dividing said main data into units of [the] data [into] onto a recording media [and], said main data being sent through a network,

[a] said recording method comprising:

a receiving step of receiving main data sent from said reproducing apparatus;

a detection step of detecting an error of said [received] main data;

a recording step of recording said main data into said recording media when no error is detected on said received data;

a notification step of notifying said reproducing apparatus that an error is detected [to said reproducing apparatus when an error is detected in said received main data]; and

a standby step of standing by at [the] a start position of recording of the main data on which said error was detected[, for] and starting reproducing of the main data on which said error was detected from the start position of the reproducing in said reproducing apparatus.

--17. (Amended) The recording method according to claim 16, further comprising

a transmitting step of transmitting an instruction to start reproducing to said reproducing apparatus so [that] the reproducing is started from the start position where reproducing of the main data on which said error was detected is started, when standing by for starting of the

reproducing apparatus.

--18. (Amended) [In a] A reproducing method for transmitting main data reproduced from a recording media by dividing the data into [each unit] units and sending said units to a recording apparatus through a network,

[a] said reproducing method comprising:

a detection step of transmitting the main data reproduced from said recording media by dividing said main data into [each unit] units and sending said units to said recording apparatus[, ] and detecting an error notification signal sent from said recording apparatus; and

a standby step of standing by for a restart of reproducing so that the reproducing is restarted from the position where the reproducing of main data on which an error was detected by said recording apparatus is started, when it is detected that an error notification signal was sent from said recording apparatus.

--19. (Amended) The reproducing method according to claim 18, further comprising

a step of starting reproducing from the start position of the main data that is standing by for said reproducing when a reproducing start command sent from said recording apparatus is received while standing by for a restart of said reproducing.